



U.S. Department  
of Transportation

**Research and  
Special Programs  
Administration**

400 Seventh Street, S.W.  
Washington, D.C. 20590

**OCT 19 2004**

DOT-E 12633  
(THIRD REVISION)

EXPIRATION DATE: September 30, 2006

(FOR RENEWAL, SEE 49 CFR § 107.109)

1. GRANTEE: Isolair Helicopter Systems  
Troutdale, OR
2. PURPOSE AND LIMITATION:
  - a. This exemption authorizes the transportation in commerce of gasoline in a non-DOT specification, non-bulk packaging (drum) mounted in a heli-torch frame. This exemption provides no relief from the Hazardous Materials Regulations (HMR) other than as specifically stated herein.
  - b. The safety analyses performed in development of this exemption only considered the hazards and risks associated with transportation in commerce.
3. REGULATORY SYSTEM AFFECTED: 49 CFR Parts 106, 107 and 171-180.
4. REGULATIONS FROM WHICH EXEMPTED: 49 CFR § 173.202(c) in that a non-specification aluminum drum is not authorized, except as specified herein.
5. BASIS: This exemption is based on the application of Isolair Helicopter Systems dated October 12, 2004, submitted in accordance with § 107.109.

OCT 19 2004

6. HAZARDOUS MATERIALS (49 CFR § 172.101):

Hazardous Materials Description			
Proper Shipping Name	Hazard Class/ Division	Identification Number	Packing Group
Gasoline	3	UN1203	II

7. SAFETY CONTROL MEASURES:a. PACKAGING -

(1) Packaging prescribed is a non-DOT specification aluminum drum of not more than 70 gallons capacity. Each drum, horizontally positioned, has two top hatches and a bottom opening with a ball valve and fittings for a pump. The externally mounted pump must be an explosion proof electric fuel transfer pump.

(2) Each drum and attached pump must be securely mounted in a heli-torch frame, as shown on the drawings on file with the Office of Hazardous Material Exemptions and Approvals (OHMEA).

b. OPERATIONAL CONTROLS -

(1) The ball valve between the drum and pump must be closed during transportation.

(2) The fuel transfer pump must be disconnected from its power source during transportation.

(3) No more than two heli-torch frames may be transported on one vehicle.

(4) Prior to transportation by motor vehicle, each drum must be emptied to the maximum extent possible under the operating circumstances, to a volume of less than 10 gallons.

**OCT 19 2004**c. TESTING: -

(1) Upon completion of manufacture, each drum must be pneumatically leakproof tested at a test pressure of 3 psig for 5 minutes. Additionally, each drum must be hydrostatically tested at a test pressure of 5 psig for a minimum of 10 minutes. Any leakage or deformity of the drum constitutes a failure of either test.

(2) Prior to each filling, each drum must be visually inspected to determine that the drum has not been punctured or damaged since the prior filling.

8. SPECIAL PROVISIONS:

a. A current copy of this exemption must be maintained at each facility where the package is offered or reoffered for transportation.

b. MARKING - The drum mounted in the heli-torch frame must be plainly and durably marked "DOT-E 12633" as required by § 172.301(c).

9. MODES OF TRANSPORTATION AUTHORIZED: Motor vehicle.10. MODAL REQUIREMENTS: A current copy of this exemption must be carried aboard each motor vehicle used to transport packages covered by this exemption.11. COMPLIANCE: Failure by a person to comply with any of the following may result in suspension or revocation of this exemption and penalties prescribed by the Federal hazardous materials transportation law, 49 U.S.C. 5101 et seq:

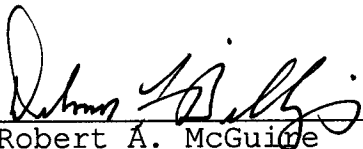
- o All terms and conditions prescribed in this exemption and the Hazardous Materials Regulations, 49 CFR Parts 171-180.
- o Persons operating under the terms of this exemption must comply with the security plan requirement in Subpart I of Part 172 of the HMR, when applicable.
- o Registration required by § 107.601 et seq., when applicable.

Each "Hazmat employee", as defined in § 171.8, who performs a function subject to this exemption must receive training on the requirements and conditions of this exemption in addition to the training required by §§ 172.700 through 172.704.

No person may use or apply this exemption, including display of its number, when this exemption has expired or is otherwise no longer in effect.

12. REPORTING REQUIREMENTS: The carrier is required to report any incident involving loss of packaging contents or packaging failure to the Associate Administrator for Hazardous Materials Safety (AAHMS) as soon as practicable. (Sections 171.15 and 171.16 apply to any activity undertaken under the authority of this exemption.) In addition, the holder(s) of this exemption must inform the AAHMS, in writing, of any incident involving the package and shipments made under the terms of this exemption.

Issued in Washington, D.C.:



b7  
Robert A. McGuire  
Associate Administrator for  
Hazardous Materials Safety

**OCT 19 2004**

(DATE)

Address all inquiries to: Associate Administrator for Hazardous Materials Safety, Research and Special Programs Administration, Department of Transportation, Washington, D.C. 20590.  
Attention: DHM-31.

Copies of this exemption may be obtained by accessing the Hazardous Materials Safety Homepage at <http://hazmat.dot.gov/exemptions> Photo reproductions and legible reductions of this exemption are permitted. Any alteration of this exemption is prohibited.

PO: PO/sln